



TAIT UnifyVehicle

NETWORK COMPUTING PLATFORM

SUPERCHARGED WITH CONNECTIVITY AND COMPUTING POWER

KEY FEATURES

Intelligent module can be added to existing DMR and P25-capable mobiles

Adds powerful new networking capabilities

Provides LMR, Wi-Fi, Bluetooth, 3G and Broadband (LTE) connectivity

Supports creation of customized applications

Enhances worker safety and asset management

UnifyVehicle adds powerful new computing and network capabilities to existing TM9300 and TM9400 mobiles. This intelligent module creates a network within a network, providing connectivity through Land Mobile Radio (LMR), Wi-Fi®, Bluetooth®, 3G and Broadband (LTE).

Mobile public safety and utility workers can more effectively communicate business-critical information through the device of their choice—smart phone, laptop or tablet. UnifyVehicle seamlessly detects and switches to the best available signal, avoiding down time.

This Network Computing Platform supports the Linux® open operating system, and includes a comprehensive offering of Application Programming Interfaces (API) and an enhanced Software Development Kit (SDK). Users can quickly integrate Android™ and IOS® apps into their mobile, including Push-to-Talk, or create new apps to meet their specific needs.

UnifyVehicle enhances worker safety and security through location services for geo-fencing, logging and voice recording and playback. Asset management is simplified with Bluetooth tag and proximity detection technologies. With Tait EnableFleet technology, workers can use Wi-Fi connections to more efficiently update radio configurations and firmware through Over-the-Air-Programming (OTAP).

FEATURES AND BENEFITS

Unifying critical communications

As technology convergence increases complexity and puts added demands on your communication system, consider the UnifyVehicle platform to keep you connected. Ensure your people can continue to communicate simply, regardless of the bearer, when they need it most.

For both new and existing mobiles

Improve the performance of both new and existing Harris radios. Simply add the UnifyVehicle platform option to the following radios to increase their capability:

- TM9400
- TM9100*
- TM9300
- TM8200*

Improved voice and data support

Gain increased business efficiency by connecting your voice network with your data network. Get the right information to the right people and equipment by using the fastest and most reliable methods available.

Broadband connectivity options

There are many wireless options that deliver increased bandwidth.

The UnifyVehicle platform is designed to support short-range, high-bandwidth technologies such as Bluetooth or WiFi as well as longer range services such as 3G* and LTE.*

VoIP ready

The architecture of the UnifyVehicle platform allows a number of audio paths to be accessed and converted into VoIP. These streams can be used to deliver services over broadband or Ethernet port.

Powerful application support

The UnifyVehicle platform supports a Linux operating system and has sufficient memory and operating speed to run several applications at the same time. Direct local connectivity with the LMR's processing platform allows many of the available features to be accessed and manipulated to improve communications experience.

Integration capable

The mobile already supports a number of integration ready features including the following:

- CCDI/RAP radio control protocols
- Space for integration boards

- Access to digital IO lines
- Access to analogue signals
- Software defined interfaces
- SDM, packet and IP data

APIs and SDK

Harris offers comprehensive APIs to aid the integration and development of your existing and evolving systems. A Software Development Kit allows the creation of applications that can harness the new capabilities of the UnifyVehicle platform to get the outcomes you need from your communications system.

Fleet and asset management

With enhanced location services that feature geo-fences/logging, as well as voice recording/playback, you gain increased security and safety for your people and vehicles. Asset management is simplified through Bluetooth tag and proximity asset detection.

Tait Enable ready

The Enable suite delivers OTAP. Multiple communications paths offer improved connectivity and speed for programming updates.

SPECIFICATIONS FOR: UNIFYVEHICLE - NETWORKING COMPUTING PLATFORM

GENERAL

Operating System	Linux (OpenEmbedded)
Connectivity	Wi-Fi 802.11G, 3G*, LTE*, Bluetooth 4.0, Ethernet
Hardware	ARM Cortex A8, 600 MHz, 1 GB Flash, 512 MB DDR3, upgradeable SD memory
Supported Devices	TM9400, TM9300, TM9100*, TM8200*

* Future releases

About Harris Corporation: Harris Corporation is a leading technology innovator that creates mission-critical solutions that connect, inform and protect the world. The company's advanced technology provides information and insight to customers operating in demanding environments—from ocean to orbit and everywhere in between. Harris has approximately \$7.5 billion in annualized revenue and supports customers in more than 100 countries through four customer-focused business segments: Communication Systems, Space and Intelligence Systems, Electronic Systems and Critical Networks.

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